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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Emilio Camerlenghi, Giovanni Campardo, Tecla Ghilardi

Title: **SINGLE CELL ERASING METHOD FOR RECOVERING MEMORY CELLS UNDER PROGRAMMING DISTURBS IN NON VOLATILE SEMICONDUCTOR MEMORY DEVICES**


Serial No.: 10/724,022

Filing Date: November 26, 2003

Attorney Docket No.: 2110-88-3

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this paper or fee is being deposited with the United States Postal Service as First Class Mail addressed to Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450 on this 9th day of September, 2004 by


Signature

REQUEST FOR CORRECTION OF FILING RECEIPT

September 9, 2004

TO THE COMMISSIONER FOR PATENTS:

An Updated Filing Receipt for the above-identified non-provisional patent application has been issued by the PTO. The Updated Filing Receipt contains an error. Tecla Ghilardi's residence is incomplete. Applicants have enclosed a copy of the Declaration as filed indicating the correct addresses including "(BG)." Please add "(BG)" after S. Paolo d'Argon in Tecla Ghilardi's residence. This instant request

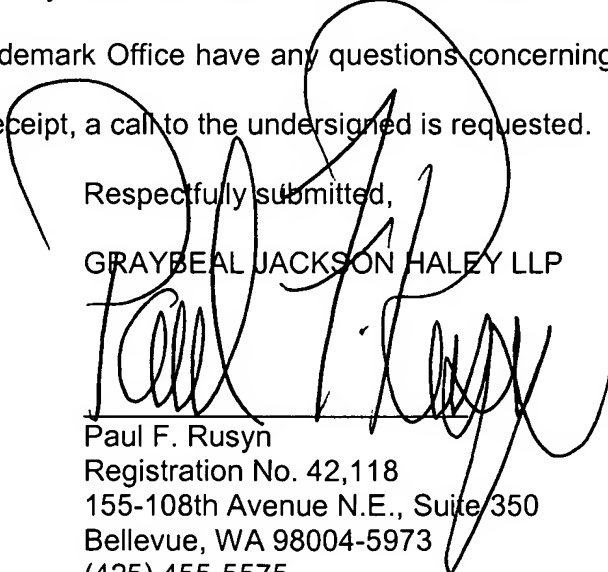
provides the PTO with the correct data so that the records for this patent application may be appropriately updated.

- ☒ A copy of the PTO's Updated Filing Receipt is included with this request.
- ☒ A copy of the Declaration as filed on July 2, 2004.
- ☒ Correction is respectfully requested.
- ☒ A postcard is enclosed as acknowledgment of this document.

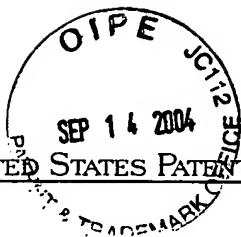
If the Patent and Trademark Office finds that any fees are required for this or any other reason, please charge any additional fees to Deposit Account No. 07-1897. Should the Patent and Trademark Office have any questions concerning this Request for Correction of Filing Receipt, a call to the undersigned is requested.

Respectfully submitted,

GRAYBEAL JACKSON HALEY LLP



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/724,022	11/26/2003	2811	986	2110-88-3	4	20	4

CONFIRMATION NO. 7263

00996

GRAYBEAL, JACKSON, HALEY LLP
155 - 108TH AVENUE NE
SUITE 350
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UPDATED FILING RECEIPT



OC000000013565468

GRAYBEAL JACKSON
HALEY LLP

Date Mailed: 08/19/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Emilio Camerlenghi, Bergamo, ITALY;
Giovanni Campardo, Bergamo, ITALY;
Tecla Ghilardi, S.Paolo d'Argon, ITALY;

(BG)

Domestic Priority data as claimed by applicant

Foreign Applications

EUROPEAN PATENT OFFICE (EPO) 02425727.1 11/28/2002

If Required, Foreign Filing License Granted: 03/01/2004

Projected Publication Date: 11/25/2004

Non-Publication Request: No

Early Publication Request: No

Title

Single cell erasing method for recovering memory cells under programming disturbs in non
volatile semiconductor memory devices

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

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NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



PATENT

**DECLARATION AND POWER OF ATTORNEY
IN PATENT APPLICATION**Attorney Docket No.: 2110-88-3

As a below named inventor, I hereby declare:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled:

SINGLE CELL ERASING METHOD FOR RECOVERING MEMORY CELLS UNDER
PROGRAMMING DISTURBS IN NON VOLATILE SEMICONDUCTOR MEMORY
DEVICES

the specification of which

- ☐ is attached hereto.
- ☒ was filed on November 26, 2003 as U.S. Application Serial No. (or PCT International Application No.) 10/724,022 and was amended on _____ (if applicable) (if not present when this instrument is executed, applicants' attorney or agent is authorized to enter the application serial number and filing date upon receipt of the same from the United States Patent and Trademark Office).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b), of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT international application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

<u>Number</u>	<u>Country</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
<u>02425727.1</u>	<u>Europe</u>	<u>28/11/2002</u> Day/Mo/Year	<u>Yes</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____ Day/Mo/Year	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below.

<u>Application No.</u>	<u>Filing Date</u>
_____	_____

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or Section 365(c) of any PCT international application designating the United States listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Application Number</u>	<u>Filing Date</u>	<u>Status: Patented/ Pending/Abandoned</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

I hereby appoint the attorneys associated with Customer No. 30431 to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith. Address all correspondence and phone calls to:

Paul F. Rusyn
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 Bellevue, WA 98004-5973 USA
 Telephone (425) 455-5575
 Facsimile (425) 455-1046

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Italy
Citizenship

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Residence

Post Office Address (if different from Residence)

Emilio Camerlenghi
Inventor's Signature

15/6/2004
Date

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15/6/2004
Date

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Tecla Ghilardi
Inventor's Signature

15/6/2004
Date